

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

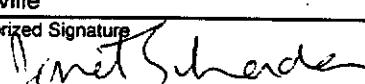
1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name Danville	County Contra Costa		
Authorized Signature 	Title Executive Director		
Type/Print Name of Person Signing Janet Schneider	Date 9/21/02	Phone () Include Area Code (925) 906-1801	
Person Completing This Form (please print or type) John Hanscom	Title Waste Prevention and Recycling Specialist		
Affiliation: Central Contra Costa Solid Waste Authority			
Mailing Address 1280 Civic Dr, Suite 210	City Walnut Creek	State CA	ZIP Code 94596
E-Mail Address authority@wastediversion.org			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base year:	2. Proposed new generation-based study year:
1990	2000

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

There were no significant waste generation events in Danville during they year 2000. This study is only intended to calculate Danville's 2000 diversion rate and therefore has no effect on annual averages.

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	a. 36 %	Diversion rate calculated using new generation-based study	b. 51 %
For existing base year pounds/person/day based on generation	6.88	For new generation based study pounds/person/day based on generation	9.2
Residential generation 68 % Non-Residential generation 32 %		Residential generation 68% % Non-Residential generation 32% %	
Population existing generation-based study 31306		Population new generation-based study 40500	

5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).

The diversion tonnage reported in Danville's 2000 generation study is directly reported from recycling companies and city agencies. Because these are actual tonnages from actual diversion programs we feel that the 51% diversion rate is consistent with our current diversion implementation efforts. We did not quantify other diversion programs such as xeriscaping, thrift stores, or private commercial source reduction programs.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The CCCSWA's diversion programs conducted on behalf of Danville contribute to the difference in the rates when the generation-based calculation is used rather than the disposal-based adjustment method. For example, in 2000 Danville was able to track 10,611 tons of asphalt and concrete diversion from their Capital Improvement Projects, which contributed about 9 percentage points to their diversion rate alone. Other Danville programs have been implemented and promoted through CCCSWA for many years.

7. Disposal Tonnage (enter values):	22501	Residential	10588	Total
Please select the ONE choice below that best explains your disposal data and complete the required tables.				
<input type="checkbox"/>	a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)			
<input type="checkbox"/>	b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmrb.ca.gov/LGCentral/Forms/rytnmdrq.doc)			
<input checked="" type="checkbox"/>	c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmrb.ca.gov/LGCentral/Forms/rytnmdrq.doc)			

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested. Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt,] white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed Non-Residential waste information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.				
Diversion Activity	Actuations	Relative Percent to Specific Material Type(s) [List operation, w/multiple materials in one box]	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmrb.ca.gov/LGCentral/ParisCo desReduce.htm	(Actual Generation)			
Residential Source Reduction Activities				
Backyard composting	218	0.3% 0.0%	green waste	2844 lbs/year/per certified composting household (153 certified home composters) - User survey.
Grassrecycling				Survey Study (see attachment)- CCCSWA Offices
Other Residential Source Reduction (list each program separately)				
Deconstruction - Project Team Work	19	0.0%	Residential Donation of Housing Materials for Reuse	Actual weight
Scheduled and on-call curbside reuse			Mixed Building materials	Actual weight
Enter program name	68	0.1% 0.0%	Luggage, musical instruments, books, rugs, sports equipment, textiles, decorative wood (eg., frames), small working appliances, and art supplies	Actual weight
Enter program name		0.0%		Mandatory Hauler Records available at CCCSWA office
Subtotal Residential Source Reduction	308	0.4%		Grantee Records available at CCCSWA office
Residential Recycling Activities				
Curb-side Recycling	8964	13.2% 0.2%	Mixed recyclables (papers, plastics, aluminum, tin, and glass)	Actual weight
Buyback Centers			CRV containers (glass, aluminum, & plastic), paper and cardboard	Mandatory Hauler Reports available at CCCSWA office
Drop-off Centers	119	#REF!		Operator Records available at CCCSWA office

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Attachment 2

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation with multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwlmb.ca.gov/LGCentral/ParisiCodes/Reduce.htm					
Other Residential Recycling (list each program separately)					
On-call recycling clean up	76	0.1%	Excess bagged or bundled household recyclables such as OCC, glass, paper...etc	Actual weight	Mandatory Hauler Records available at CCCSWA office
Enter program name					
Enter program name					
Subtotal, Residential Recycling	\$159	13.5%			
Residential Composting Activities					
Green Waste Drop-off	45	0.1%	green waste	Actual weight	Operator Records available at CCCSWA office
Curb-side Green Waste	10926	16.1%	green waste	Actual weight	Mandatory Hauler Records available at CCCSWA office
Christmas Tree Program	119	0.2%	green waste	Actual weight	Mandatory Hauler Records available at CCCSWA office
Other Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Composting	11090	16.3%			
Subtotal, Residential Diversion	20554	30.3%			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audits*			See Section 9	See Section 9	See Section 9
Other Non-Residential Source Reduction (list each program separately)					
Enter Program name					
Enter Program name					
Enter Program name					
Enter Program name					
Subtotal, Non-Residential Source Reduction	0	0.0%			

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Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) [List operation by multiple materials in one row]	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at www.cwmb.ca.gov/Glossary/ParticCoDesReduce.htm	(A)	(Actual Generation)			
Recycling					See Section 9
Non-Residential Waste Audits*					See Section 9
Other Non-Residential Recycling [list each program separately]					See Section 9
Commercial collection	3101	4.6%	Mixed recyclables (papers, plastics, aluminum, tin, and glass, C&D), Concrete and Asphalt from public road building/repair.	Actual weight	Mandatory Hauler Records available at CCCSWA office
City CIP C&D diversion	10611	15.8%		Actual weight	Records from City Engineer available at CCCSWA office
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	13112	20.2%			
Non-Residential Composting Activities					See Section 9
Non-Residential Waste Audits*					See Section 9
Other Non-Residential Composting [list each program separately]					See Section 9
Grocery store composting	138	0.2%	Old Produce organic waste		Compost Facility estimate 138 tons diverted per store, formula was also used to report residual in DRS and oked by CWMB
Green waste self-haul diverted at TS	37	0.1%	green waste	Actual weight	Compost Facility records available at CCCSWA office
Enter program name					Operator Records available at CCCSWA office
Enter program name					
Subtotal Non-Residential Composting	175	0.3%			
Subtotal Non-Residential Diversion	13887	20.5%			
Residential/Non-Residential Diversion Activities					
ADC	310	0.5%	C&D and green material	Actual weight	DRS
Sludge					
Scrap Metal					
Construction and Demolition					
Landfill Salvage					
Subtotal Residential/Non-Residential Diversion	310	0.5%			
Total Res/Non-Res Source Reduction Tons	305	0.4%			
Total Diversion Tons	3451	51.2%			
Total Disposal Tons from Sect.7	33089	48.8%			
Total Generation Tons (Div+Dis)	67840				
Diversion Rate	51%				

9. Specific Non-Residential Sector Waste Audits--Top 10 Non-Residential Generators

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Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets. (Table will perform all addition calculations).

(Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of forms (A), (B), (C), (D), (E), (F), (G), (H), (I), (J), (K), (L), (M), (N), (O), (P), (Q), (R), (S), (T), (U), (V), (W), (X), (Y), (Z) and (AA).

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business).

Asphalt & Concrete Grindings were quantified using actual weights.

Old Produce Composting was quantified by using the same formula used to report residual wastes in DRS. The formula is determined by their backhauling tonnages.

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concreter, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

Note: program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.").

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Inert Solids	▼ City CIP C&D diversion	1991	10611
Inert Solids	▼ Commercial collection (a portion of this is C&D)	1996	3101
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		
Pull Down for Waste Types	▼		

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note:** this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information.

(Date)

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note:** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			

Central Contra Costa 2000 Home Composting Figures

The CCCSWA offers a home composting education program that includes free workshops, discount compost bins, and a garbage rate discount for certified home composters. In order to be certified as a home composter, households must complete forms and send in a photo of their home composting system. The certification lasts for one year, at which time the home composter must re-certify, or lose certification and the garbage rate discount. While most applications for certification are approved, some are not. The composting system must appear to be well maintained and safe.

In 2000, Bart Carr, the CCCSWA's composting consultant, surveyed all Central Contra Costa certified home composters. Using the composting amounts reported by residents, Bart determined that each home composting residence diverts, on average, 2844 lbs of material per year, or 237 lbs per month.

Table 1. Total number by city of certified composters actively composting in 2000

Year	Lafayette	Danville	Walnut Creek
2000	223	153	590